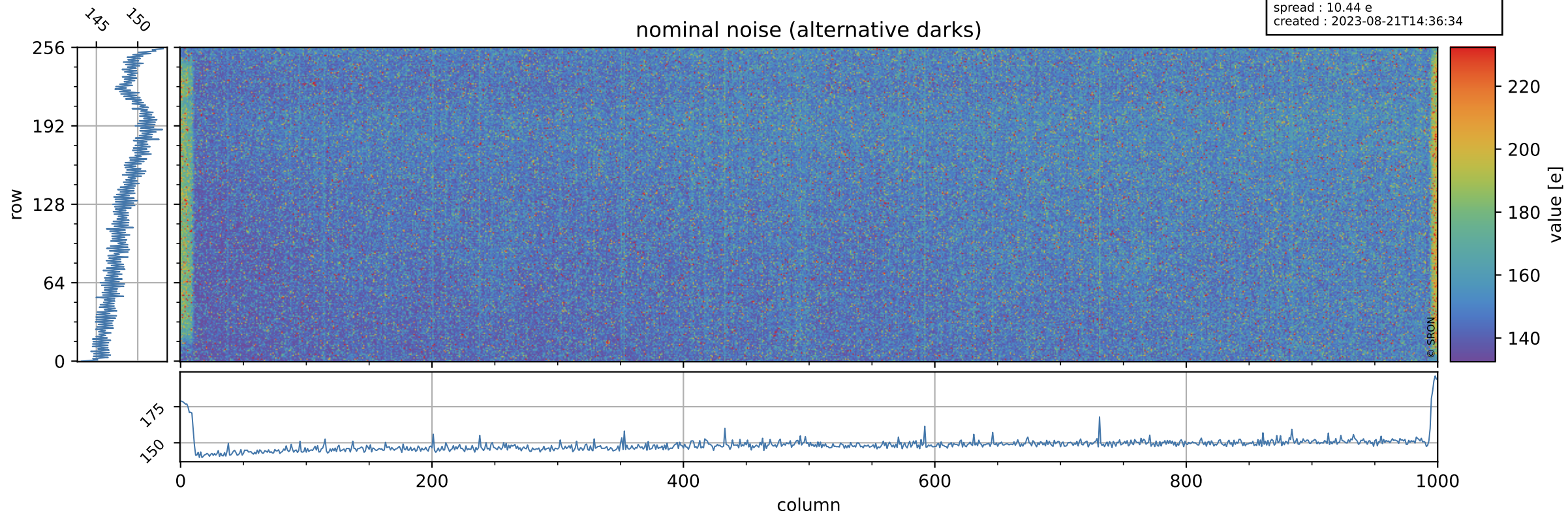


# Tropomi SWIR background noise (swir)

orbits : 12 in [5527, 5617]  
coverage : 2018-11-07 / 2018-11-13  
n\_coad, t\_exp : 1, 1.0783  
median : 148.39 e  
spread : 10.44 e  
created : 2023-08-21T14:36:34

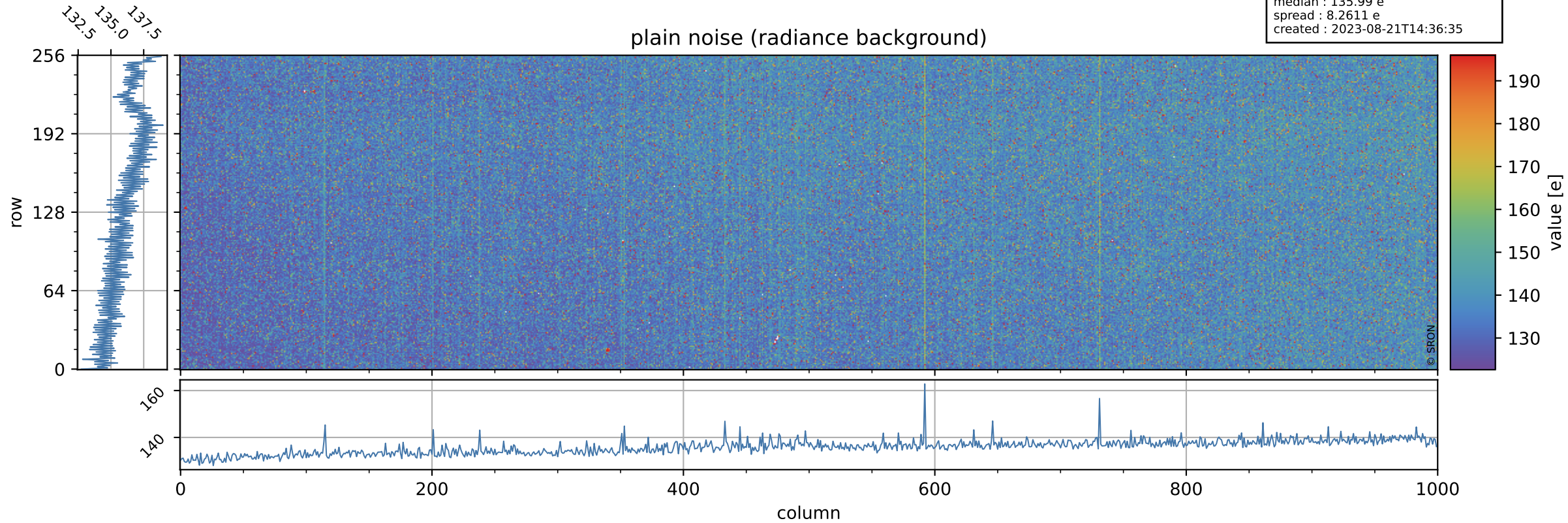
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [5527, 5617]  
coverage : 2018-11-07 / 2018-11-13  
n\_coad, t\_exp : 2, 0.5383  
median : 135.99 e  
spread : 8.2611 e  
created : 2023-08-21T14:36:35

## plain noise (radiance background)

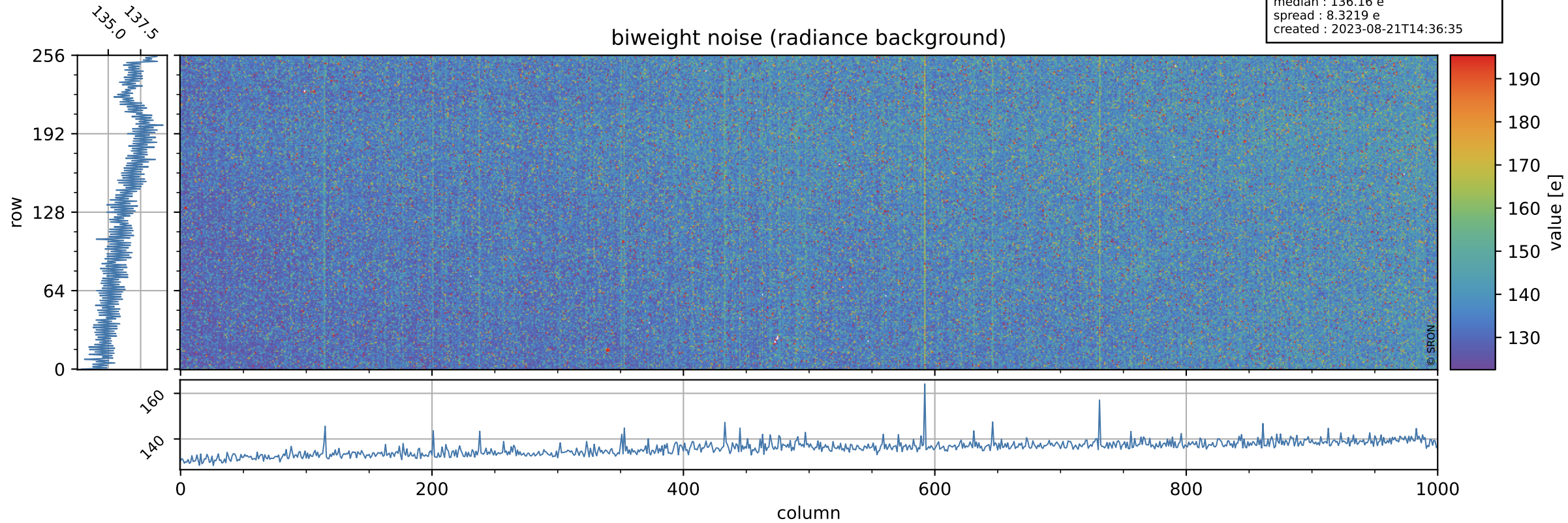




# Tropomi SWIR background noise (swir)

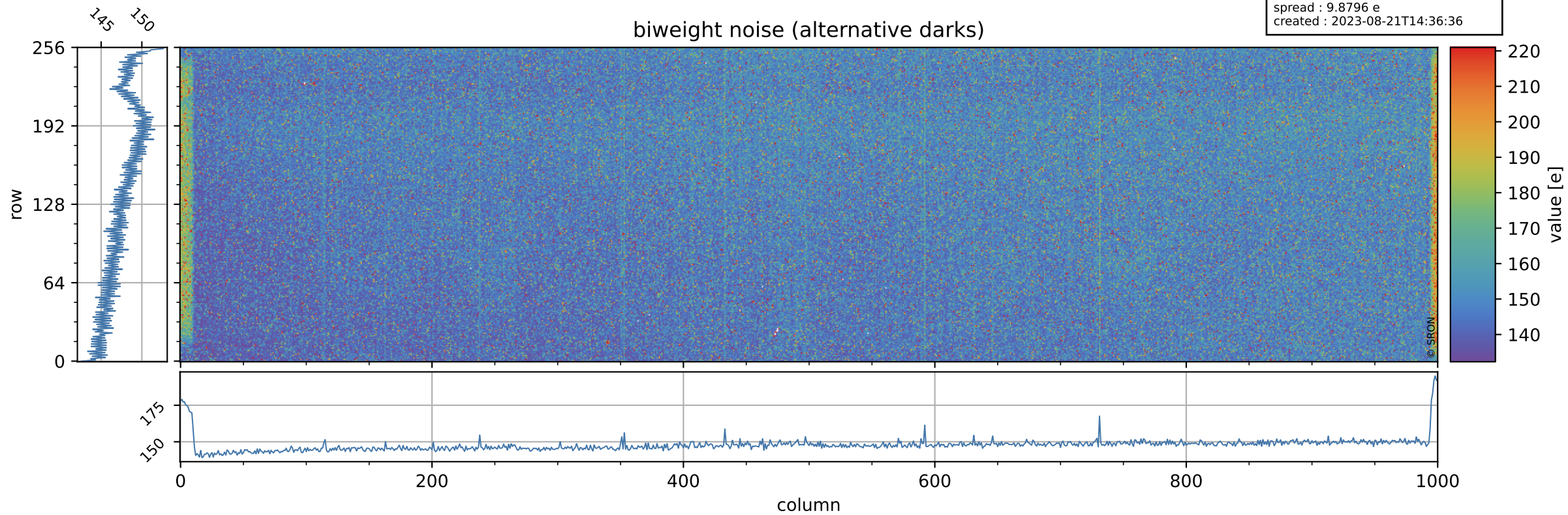
orbits : 12 in [5527, 5617]  
coverage : 2018-11-07 / 2018-11-13  
n\_coad, t\_exp : 2, 0.5383  
median : 136.16 e  
spread : 8.3219 e  
created : 2023-08-21T14:36:35

## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [5527, 5617]  
coverage : 2018-11-07 / 2018-11-13  
n\_coad, t\_exp : 1, 1.0783  
median : 147.53 e  
spread : 9.8796 e  
created : 2023-08-21T14:36:36

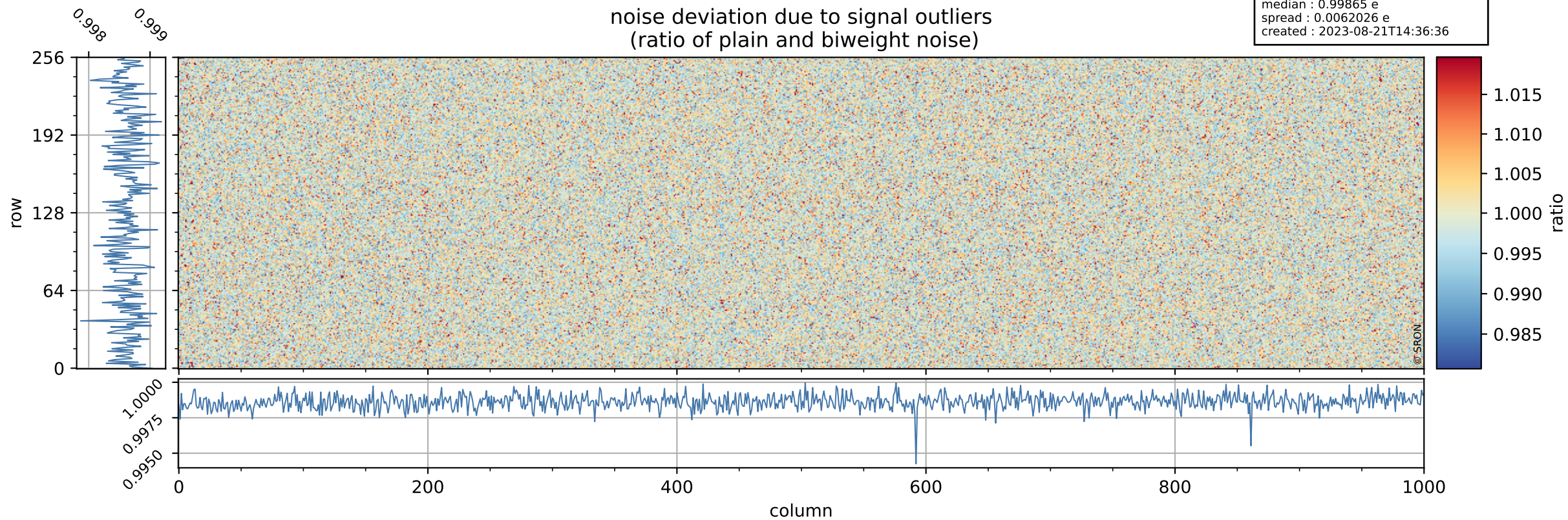




# Tropomi SWIR background noise (swir)

noise deviation due to signal outliers  
(ratio of plain and biweight noise)

orbits : 12 in [5527, 5617]  
coverage : 2018-11-07 / 2018-11-13  
median : 0.99865 e  
spread : 0.0062026 e  
created : 2023-08-21T14:36:36

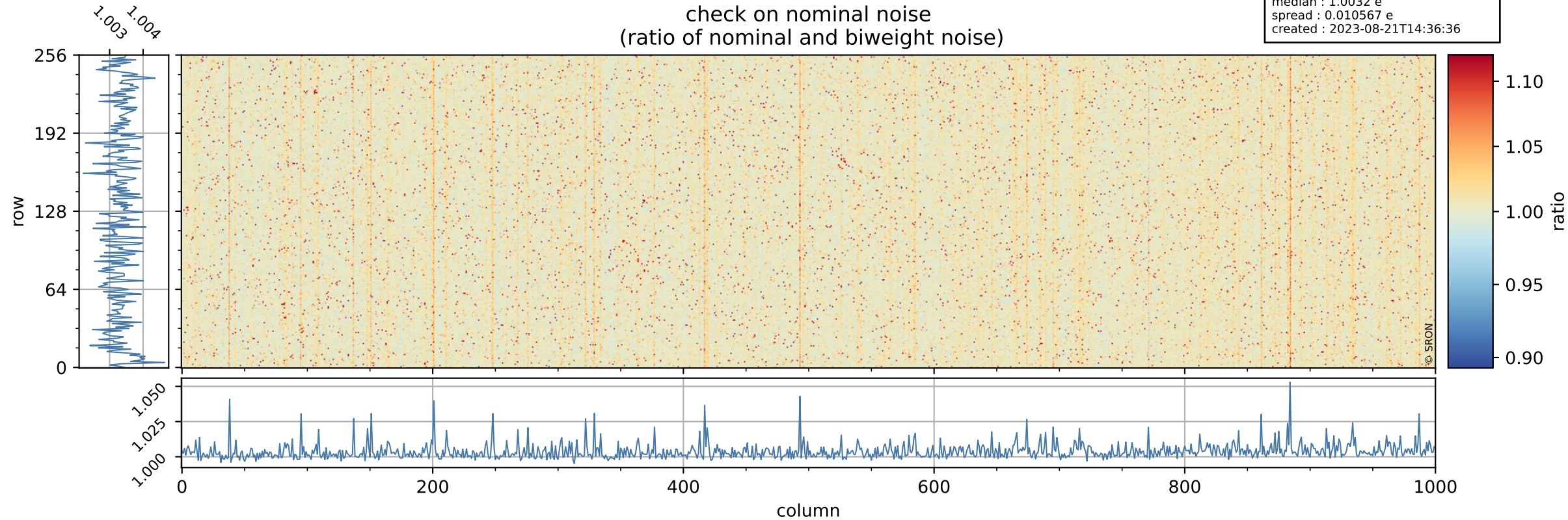




# Tropomi SWIR background noise (swir)

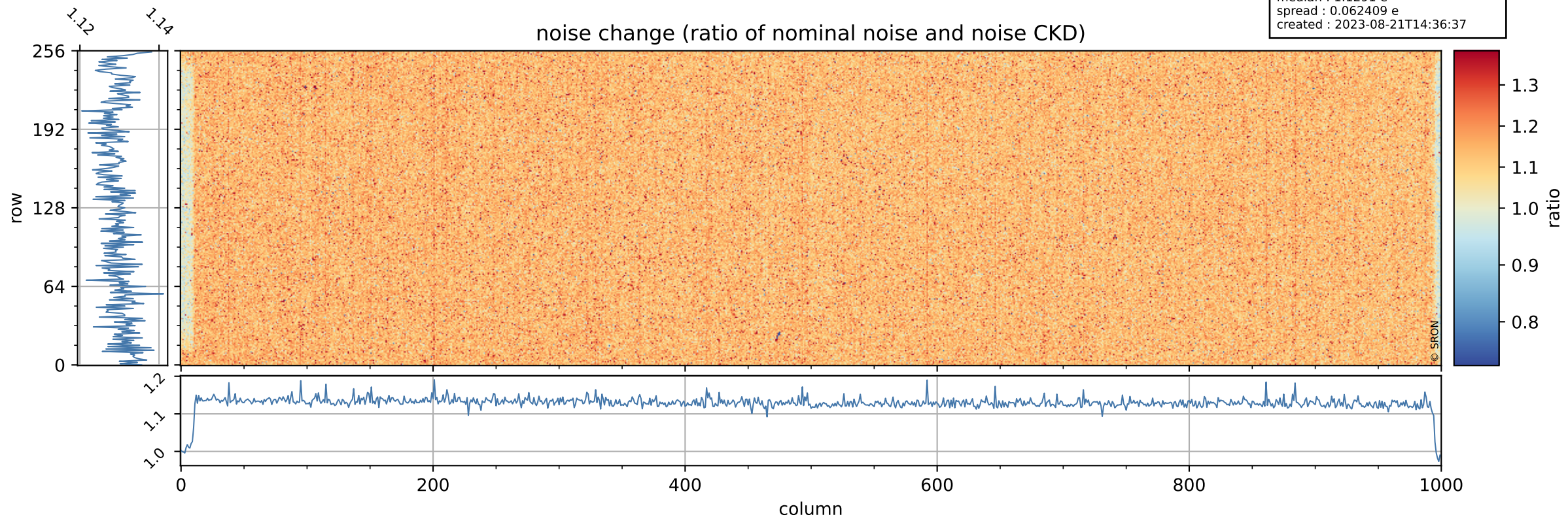
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [5527, 5617]  
coverage : 2018-11-07 / 2018-11-13  
median : 1.0032 e  
spread : 0.010567 e  
created : 2023-08-21T14:36:36



# Tropomi SWIR background noise (swir)

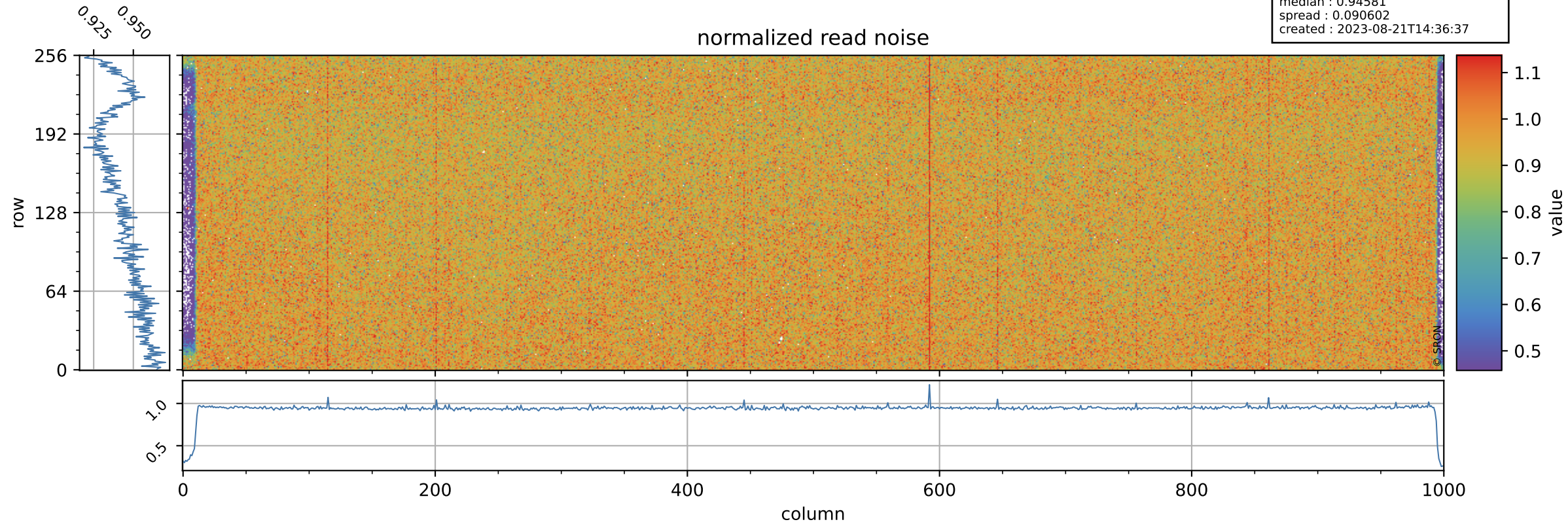
orbits : 12 in [5527, 5617]  
coverage : 2018-11-07 / 2018-11-13  
median : 1.1291 e  
spread : 0.062409 e  
created : 2023-08-21T14:36:37





# Tropomi SWIR background noise (swir)

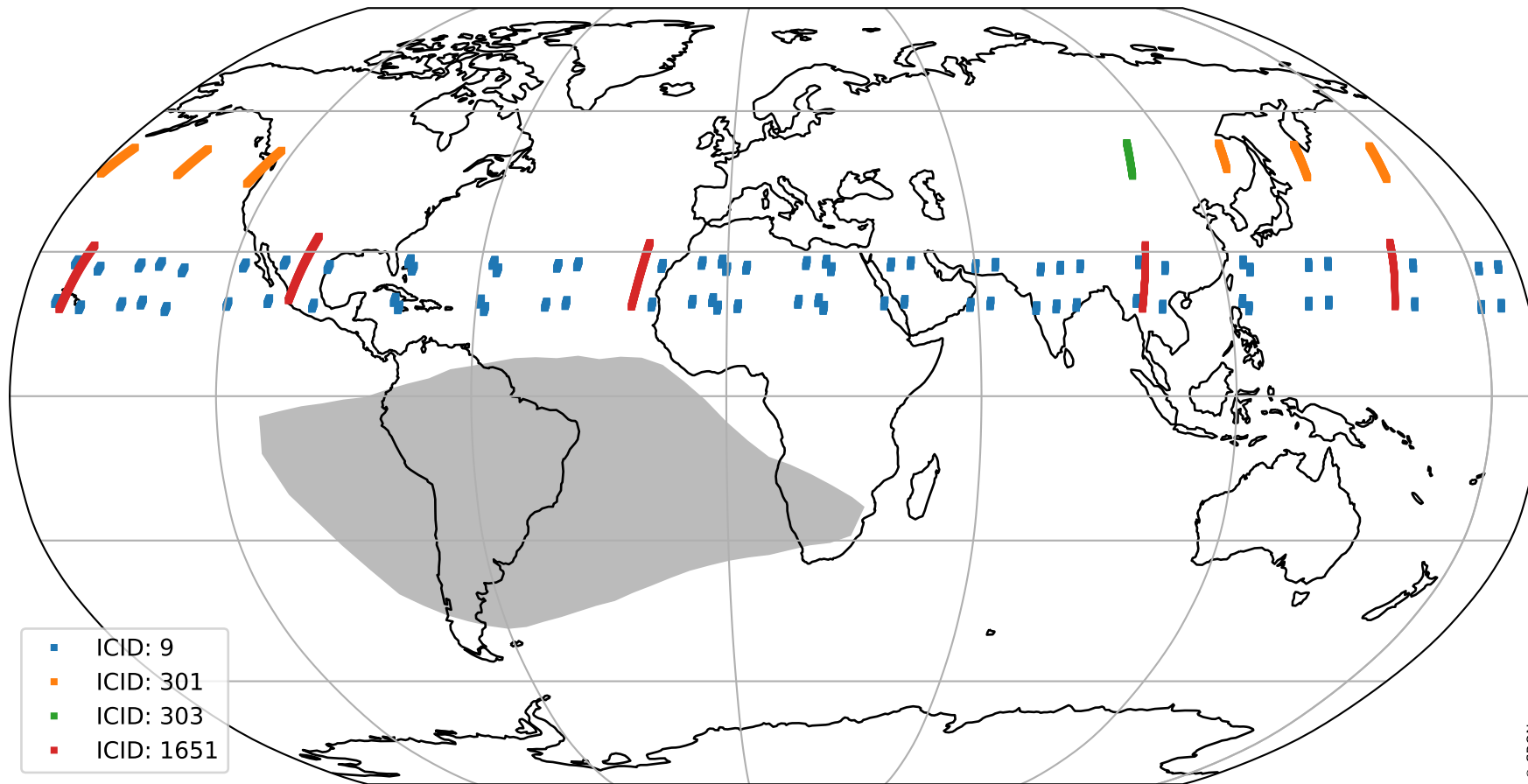
orbits : 12 in [5527, 5617]  
coverage : 2018-11-07 / 2018-11-13  
median : 0.94581  
spread : 0.090602  
created : 2023-08-21T14:36:37





# Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

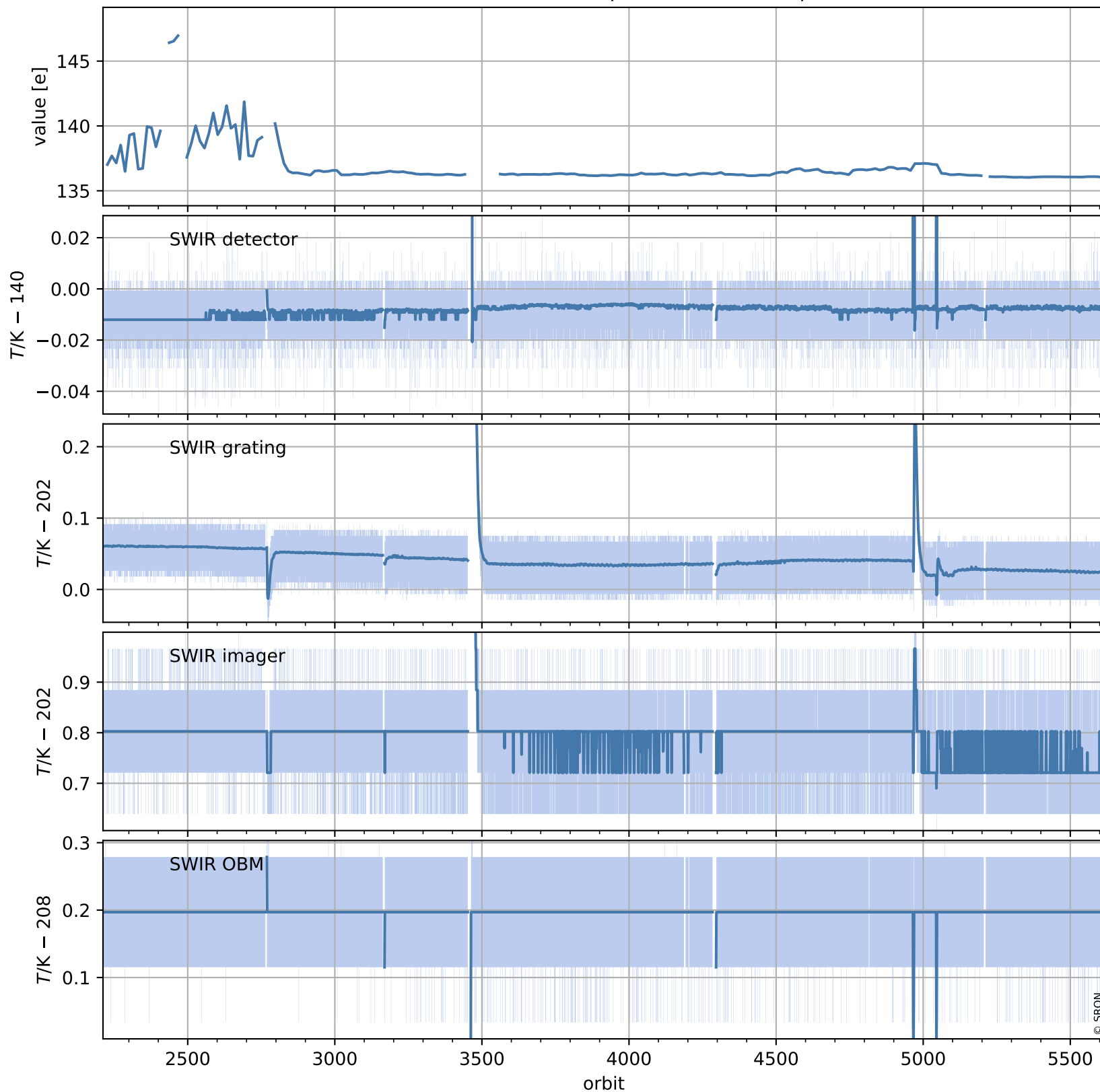
orbits : 12 in [5527, 5617]  
coverage : 2018-11-07 / 2018-11-13  
created : 2023-08-21T14:36:38



# Tropomi SWIR background noise (swir)

orbits : [2212, 5617]  
coverage : 2018-03-18 / 2018-11-13  
created : 2023-08-21T14:36:38

## trend of detector median of plain noise & temperatures

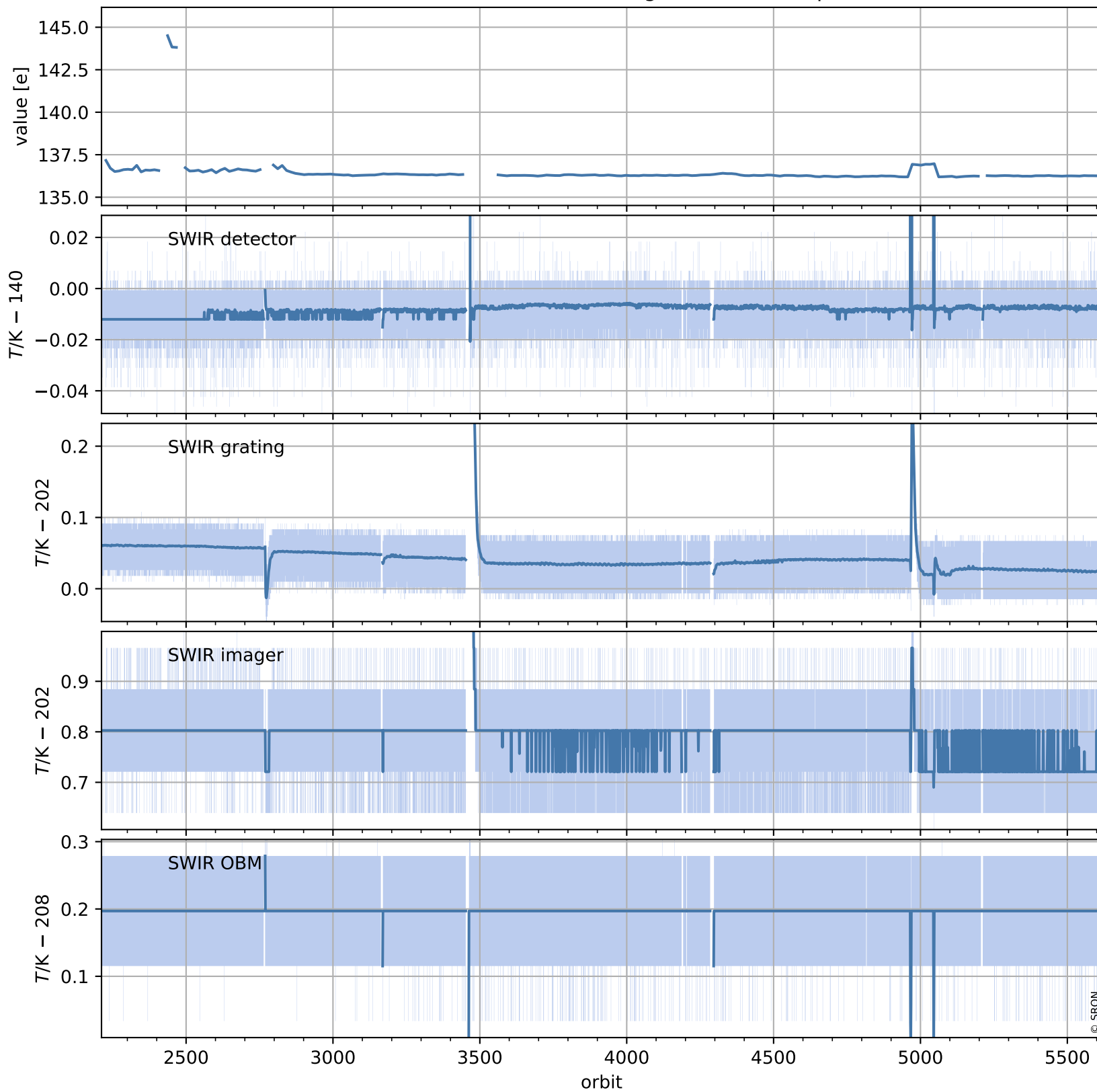




# Tropomi SWIR background noise (swir)

orbits : [2212, 5617]  
coverage : 2018-03-18 / 2018-11-13  
created : 2023-08-21T14:36:39

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 5617]  
coverage : 2018-03-18 / 2018-11-13  
created : 2023-08-21T14:36:39

## trend of normalized read-noise & temperatures

